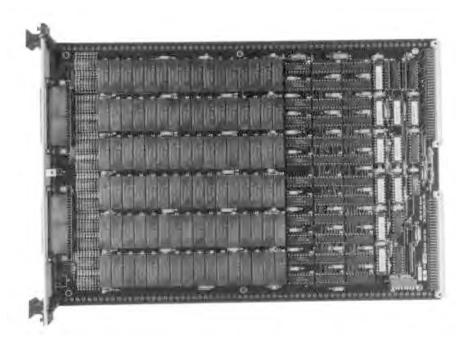


(512) 733-2621 • FAX (512) 733-2629 • www.chtech.com



## VX415C 24 Channel 1x4 Multiplexer Module

The VX415C is a C-size, Register based switching card that provides 24 channels of 1x4 multiplexer with Mercury wetted 2A relays. User connections to the module is through two (2) AMP HD-22 78 position receptacle type connectors. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding.

## **Specifications:**

**Maximum Input Voltage:** 

Terminal to Terminal: 250 Vdc or ac<sub>rms</sub>
Terminal to Chassis: 250 Vdc or ac<sub>rms</sub>

**Maximum Switchable Voltage:** 

250 Vdc, or ac<sub>rms</sub>

Maximum Switchable Current: (DC or AC<sub>rms</sub>):

Per Contact: 2A
Per Module: 25A

**Maximum Switchable Power:** 

Per Channel: 50W Per Module: 625W

**Closed Channel Resistance:** 

>100 mA: <0.085  $\Omega$  (relay plus connectors)

Insulation Resistance (between any two points):

 $>5 \times 10^{9} \Omega$ 

Relay Life (operations):

Low Level 10<sup>9</sup> Rated load 5 x 10<sup>7</sup>

**Relay Operate Time:** 

1.5 msec close (typical)1 ms open (typical)

Power Up/Down States:

Contact is open.

**Power:** +5V @ 1.5A typical +12V @ 0.5A typical

**Ordering Information:** 

**Description** VX415C Part Number 11027565-0001

## **VXIbus Compliance**

Complies with ANSI/IEEE Std. 1014-1987 and VXIbus Rev 1.4

A16:D16 DTB Slave

No SYSFAIL

No Interrupts

IACKIN tied to IACKOUT

BRX tied to BGX

Form Factor: Size C

Built-in test via register feedback

## **Applications**

- · Power Switching
- Control
- · LF Signal Switching